FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1). This device may not cause harmful interference, and
(2). This device must accept any interference received, including interference that may cause undesired operation.

Note:

This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Product Information

1. Product design and specifications are subject to change without notice. This includes primary product specifications, software, software drivers, and user's manual. This User Manual is a general reference guide for the product.
2. The product and accessories that come with your camera may be different from those described in this manual. This is due to the fact that different retailers often specify slightly different product inclusions and accessories to suit their market requirements, customer demographics, and geographical preferences. Products very often vary between retailers especially with accessories such as batteries, chargers, AC adapters, memory cards, cables, carrying cases/pouches, and language support. Occasionally a retailer will specify a unique product color, appearance, and internal memory capacity. Contact your dealer for precise product definition and included accessories.
3. The illustrations in this manual are for the purpose of explanation and may differ from the actual design of your camera.
4. The manufacturer assumes no liability for any errors or discrepancies in this user manual.
5. For driver updates, you can check the "Download" section of our website, www.geniusnet.com.tw.

Warnings

- **Do not disassemble, change or repair the camera.**
  This might cause fire or electric shock. For repair or internal inspection, ask the store of purchase.

- **Do not use the camera in areas near water.**

This might cause fire or electric shock. Take special care during rain, snow, on the beach, or near the shore.

- **Do not place the camera on inclined or unstable surfaces.**
  This might cause the camera to fall or tilt over, causing injury.

- **Keep the batteries out of the reach of children.**
  Swallowing batteries might cause poisoning. If the battery is accidentally swallowed, immediately consult a physician.

- **Do not use the camera while you are walking, driving or riding a motorcycle.**
  This might cause you to fall over or result in traffic accident.

Cautions

- **Insert the batteries paying careful attention to the polarity (+ or –) of the terminals.**
  Inserting the batteries with its polarities inverted might cause fire and injury, or damage to the surrounding areas due to the battery rupturing or leaking.

- **Do not fire the flash close to anyone's eyes.**
  This might cause damage to the person's eyesight.

- **Do not subject the LCD monitor to impact.**
  This might damage the glass on the screen or cause the internal fluid to leak. If the internal fluid enters your eyes or comes into contact with your body or clothes, rinse with fresh water.
  If the internal fluid has entered your eyes, consult a physician to receive treatment.

- **A camera is a precision instrument. Do not drop it, strike it or use excessive force when handling the camera.** ⃠
  This might cause damage to the camera.
- **Do not use the camera in humid, steamy, smoky, or dusty places.** ⃠
  This might cause fire or electric shock.
- **Do not remove the battery immediately after long period of continuous use.** ⃠
  The battery becomes hot during use. Touching a hot battery might cause burns.
- **Do not wrap the camera or place it in cloth or blankets.** ⃠
  This might cause heat to build up and deform the case, resulting in fire. Use the camera in a well-ventilated place.
- **Do not leave the camera in places where the temperature may rise significantly, such as inside a car.** ⃠
  This might adversely affect the case or the parts inside, resulting in fire.
- **Before you move the camera, disconnect cords and cables.** ⃠
  Failure to do this might damage cords and cables, resulting in fire and electric shock.

Notes on Battery Usage

When you use the battery, carefully read and strictly observe the ***Safety Instructions*** and the notes described below:

- Different battery types and surrounding temperatures may affect the battery performance.
- Avoid using batteries in extremely cold environments as low temperatures can shorten the battery life and reduce camera

performance.

- If you are using the new rechargeable battery or rechargeable battery that has not been used for an extended period of time (batteries that pass the expiry date are exceptions) might affect the number of pictures that can be taken. Therefore, to maximize their performance and lifetime, we recommend that you fully charge the batteries and discharge them for at least one complete cycle before use.
- The battery may feel warm when using the camera for an extended period of time or using the flash continuously. This is normal and not a malfunction.
- The camera may feel warm when being used continuously or for an extended period of time. This is normal and not a malfunction.
- If you will not be using the batteries for an extended period of time, remove them from the camera to prevent leakage or corrosion.
- Always keep the terminals in a clean state.
- Never use manganese batteries.
- Risk of explosion if battery is replaced by an incorrect type.
- Dispose of used batteries according to the instructions.

About this manual

Every effort has been made to ensure that the contents of this manual are correct and up to date. However, no guarantee is made regarding the accuracy of the contents, and the manufacturer reserves the right to make changes without notice.

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1. Introducing the camera

Read this section to learn about the features and functions of the camera. This chapter also covers system requirements, package contents, and descriptions of the hardware components.

1.1 System requirements

The camera requires a host PC with the following specifications:

- Windows® XP, 2000, ME, 98SE operating system
- Intel® Pentium 166 MHz CPU or better
- At least 32 MB of RAM
- Standard USB 1.1 port or better
- 4 x speed CD-ROM drive or better
- At least 10 MB of available disk space

Note: A USB 1.1 port will enable you to transfer files to and from your host PC, but transfer speeds will be much faster with a USB 2.0 port.

1.2 Features

The camera is packed full of features and functions including:

- Digital still camera (3.1 mega pixels)
- Digital camera
- Mass storage device
- PC Camera

Additionally, the camera also features 4X digital zoom, slideshow option, and a direct print function.

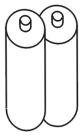
1.3 Unpacking

All the following items should be present in the camera package. If any item is missing or appears damaged, contact your dealer immediately.

CD-ROM
(incl. Camera Driver)

Pouch

Wrist Strap



2x AAA
Batteries

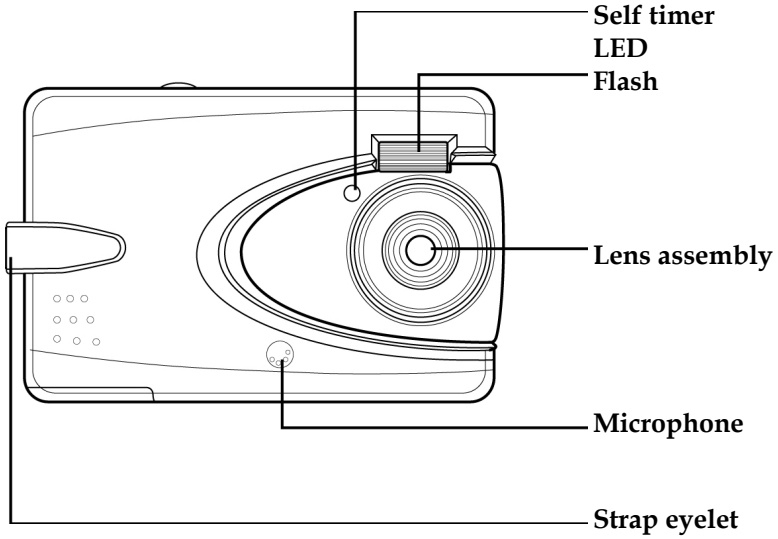
USB CABLE

Quick Guide

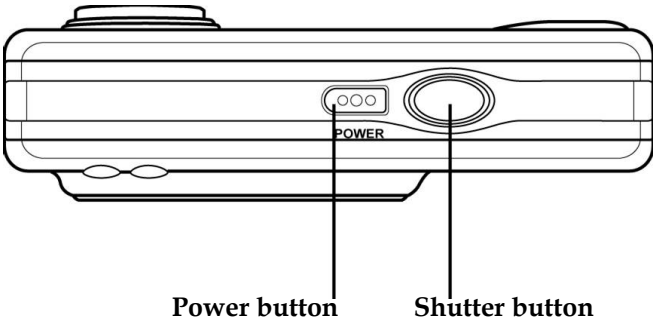
1.4 About the camera

Refer to the following illustrations to familiarize yourself with the buttons and controls of the camera.

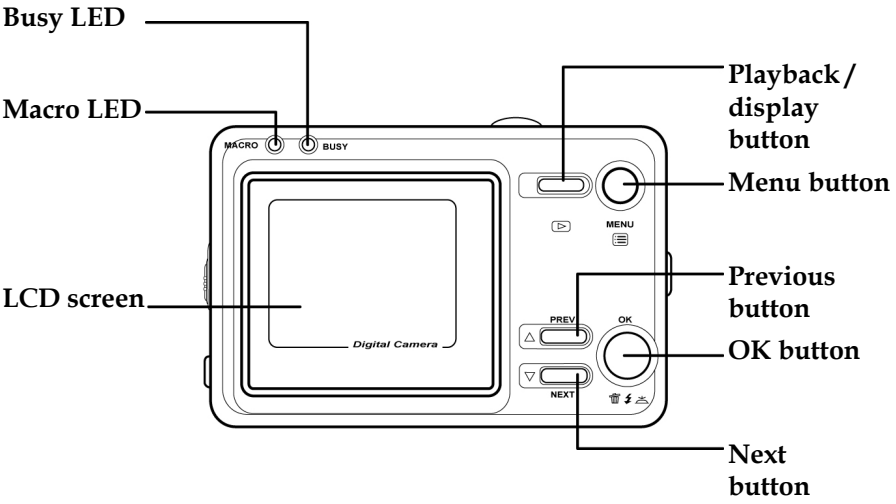
1.4.1 Front view



1.4.2 Top view

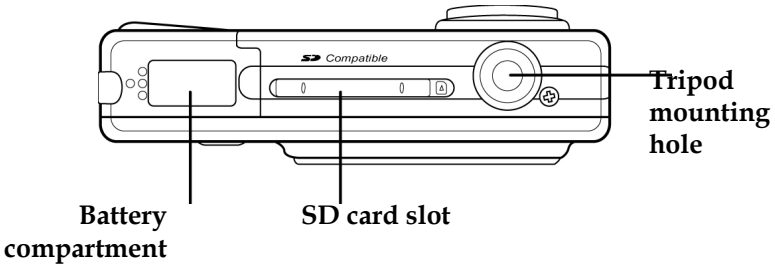


1.4.3 Back view

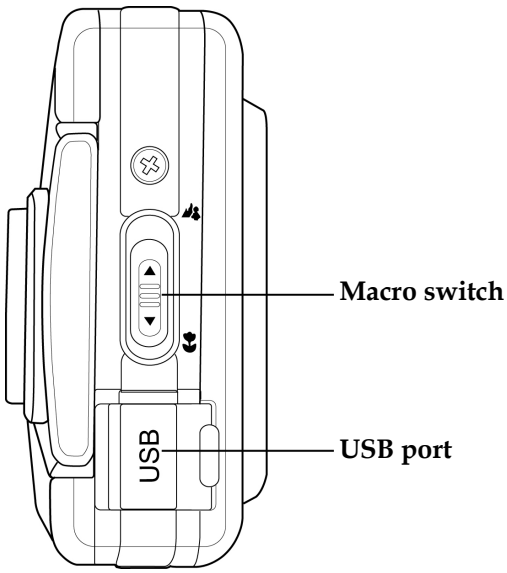


Note: Refer to "About the LEDs" on **3.2** for information on the camera's LEDs.

1.4.4 Bottom view



1.4.5 Right view



2. Getting started

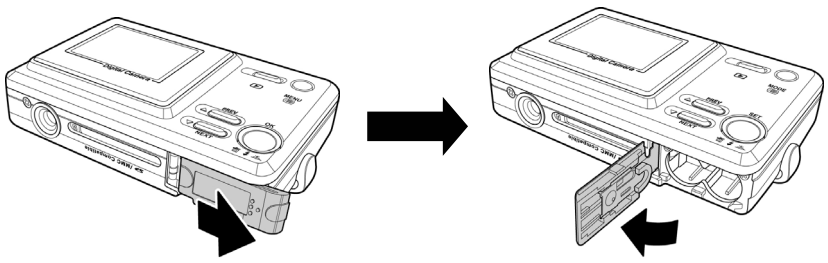
Read this section to learn how to start using the camera. This section covers only basic functions such as inserting the battery or memory cards, turning it on, and making preliminary settings. See later chapters for details about advanced functions.

2.1 Inserting the batteries

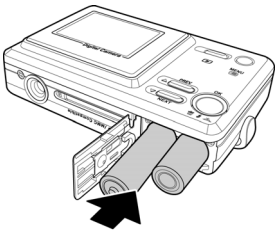
The camera is powered by two alkaline AAA batteries.

Note: Install the batteries exactly as described here. Ensure that the polarity of the batteries is correct. Installing the batteries incorrectly could cause damage to the camera and possibly start a fire.

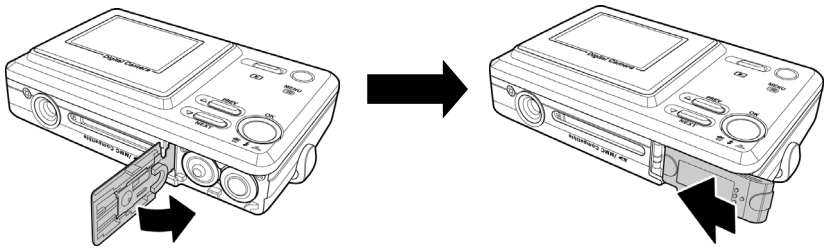
1. Open the battery compartment door.



2. Insert the battery as shown.

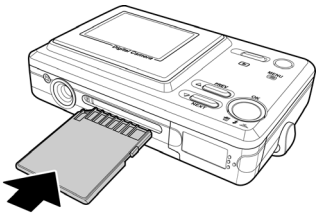


3. Close the battery compartment door.



2.2 Inserting an SD card

An SD card can be installed in the camera to provide additional storage space for still images, video clips, or other files.



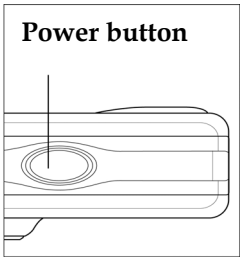
Install an SD card at the bottom of the camera as shown in the illustration. Make sure the gold contacts are facing up as shown.

To remove the SD card, gently push it into the card slot and release. The card pops out. Slide the card out.

2.3 Turning on for the first time

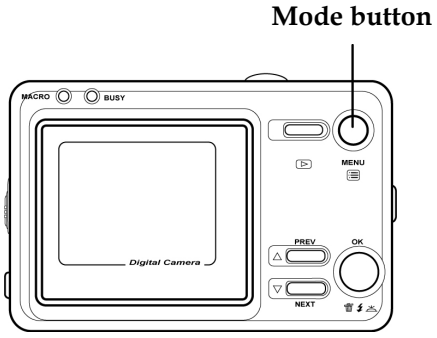
Press and hold the power button to turn it on.

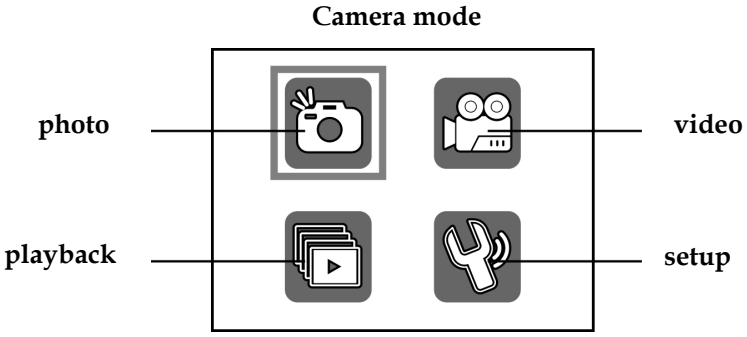
To turn off the camera, press the power button again.



2.4 Changing modes

The camera can operate in four modes, **photo mode**, **video mode**, **playback mode**, and **setup mode**. Press and hold the **MENU** button to view the main menu. Use the **PREV** or **NEXT** buttons to select a mode and press **OK** to confirm your selection.





2.5 Before you start

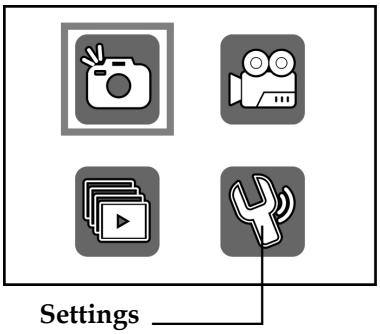
Before you use your camera there are some basic settings to configure that are described in the following sections.

2.5.1 Setting the date and time

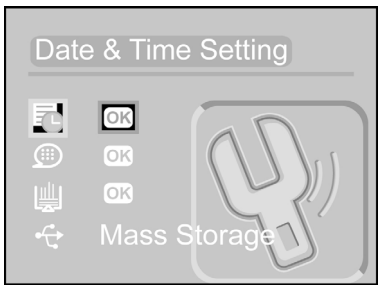
To set the date and time:

1. Turn the camera on as described in "Turning on for the first time" on **2.3** .

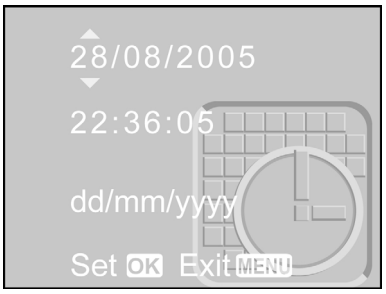
2. Press and hold the **MENU** button to display the main menu screen.



3. Use the **PREV** or **NEXT** buttons to select the setup menu. Press **OK** to confirm your selection.



4. Use the **PREV** or **NEXT** buttons to highlight the **Date** & **Time Setting** option. Press **OK** to confirm.
5. Use the **PREV** or **NEXT** buttons to alter values in the selected field. Press the **Playback/Display** button to move between fields such as date, month, year, and so on.
   The date, month, year, hours, minutes, seconds, and date format fields are available for modification in this manner.



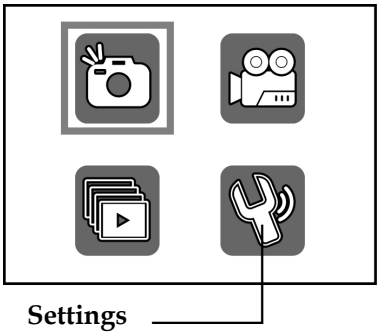
6. Press **OK** to save the new setting. Press and hold the **MENU** to exit the menu without making any changes.

2.5.2 Setting the language

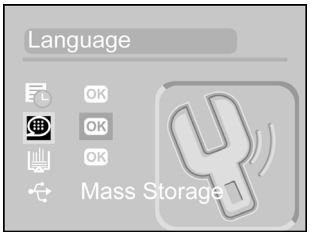
To set the language:

1. Turn the camera on as described in "Turning on for the first time" on **2.3**.

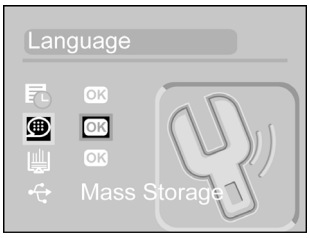
2. Press and hold the **MENU** button to display the main menu screen.



3. Use the **PREV** or **NEXT** buttons to select the setup menu. Press **OK** to confirm your selection.



4. Use the **PREV** or **NEXT** buttons to highlight the Language option. Press **OK** to confirm.
5. Use the **PREV** or **NEXT** buttons to select the desired language.



6. Press **OK** to save the new setting. Press **MENU** to exit the menu without making any changes.

2.6 Taking your first still picture

Before taking your first still picture, ensure you have read "Before you start" on **2.5**.

To take a still picture.

1. Turn the camera on and make sure it is in **photo mode**.
2. Use the LCD screen to frame the picture.
3. Press the shutter button to capture the picture.

The picture will automatically be saved with a unique file name.

2.7 Shooting your first video

Before shooting your first video, ensure you have read "Before you start" on **2.5**.

To shoot a video:

1. Turn on the camera and change the mode to **video mode**.
2. Use the LCD screen to frame your video.
3. Press the shutter button to begin recording.
4. Press the shutter button again to stop recording.

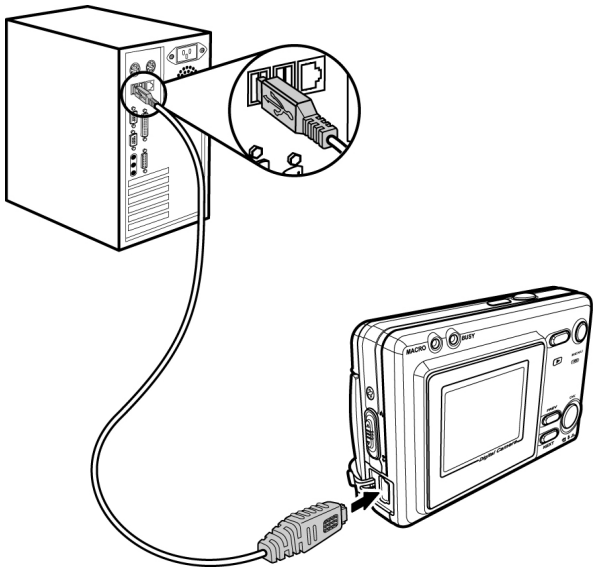
The video will automatically be saved with a unique file name.

2.8 Connecting to a computer

Read this section to learn how to connect the camera to a host computer to transfer files or to use the camera as a PC camera for web-conferences.

Connect the camera to a host computer using the USB port and the USB cable provided as shown.

See "USB connection" on **4.3.4** for more information about connecting to a host computer.


MACRO
BUSY

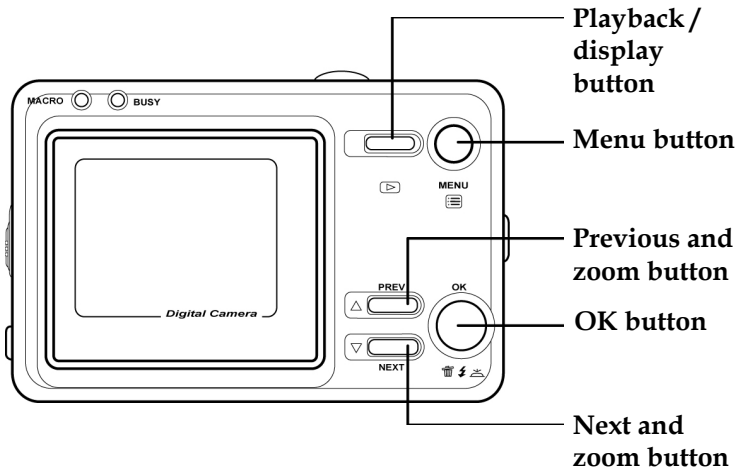
3. Using the camera

Read this section to learn how to use the camera.

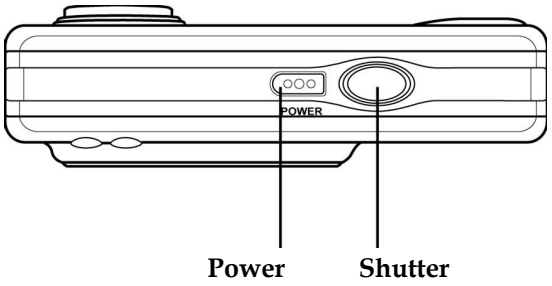
3.1 Using the camera buttons

All buttons are located on the top and the back of the camera.

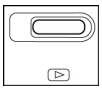
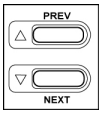
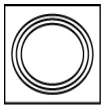
Back



Top



See the table below for a description of each button's function.

Button	Name	Function
	Display	• Press to remove icons from the LCD screen. Press again to restore them. • Press and hold the button to enter playback mode.
	Menu	• Press to display the **Picture** menu, **Playback** menu, or **Video** menu. • Press and hold to display the **Mode** menu.
	Prev/ Next & Zoom	• Use Prev to zoom in **Photo** or **Video** modes. • Use Next to zoom out in **Photo** or **Video** modes. • Use Prev function key to view previous picture in **Playback** mode. • Use Next function key to view next picture in **Playback** mode.
	OK	Press to select a highlighted menu option.
	Power	Press to turn power on or off.
	Shutter	• Press to capture a picture in **Photo** mode • Press to start/stop video recording in **Video** mode.

3.2 About the LEDs

The following tables explain the meaning of the LEDs.

Photo mode	Power on	Self-capture	Shutter button	Flash charging
Front LED	●	✱	–	–
Back LED R	●	–	●	✱
Back LED G	–	–	–	–

Legend:
●LED turns on then off
✱blinking LED
– steady LED

3.3 Using the camera LCD display

Use the LCD display to compose your pictures and videos, review pictures and videos stored in memory, and navigate the menu system. Icons showing the current configuration are also displayed on the LCD display.

3.3.1 Changing the LCD display.

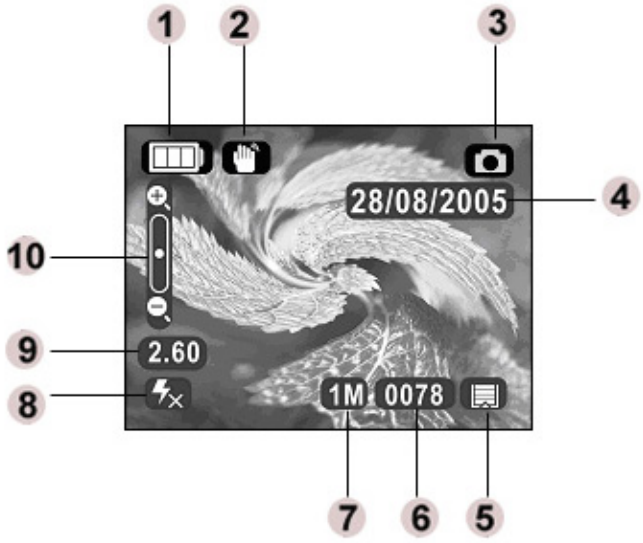
You may decide that you don't want to display icons on the LCD screen. Press the Display button to remove icons from he screen.

When you turn the camera on, the LCD display shows icons and picture by default. Press the **Display** button once to turn off the icons and display only the picture. Press the **Display** button a second to display everything again.

Photo mode
Use **Photo** mode to capture still pictures and store them in internal memory or on an SD card. The camera is in **Photo** mode when the **Photo** mode icon is displayed.

3.4.1 Photo mode icons

Use the following picture to familiarize yourself with the **Photo** mode icons and symbols.



See the table below for a description of each icon and symbol.

	Icon	Description
1		Indicates battery status.

	Icon	Description
2		Displays the camera shaking icon. When this icon is displayed, you need to steady the camera to take a clear shot.
3		Indicates Photo mode.
4		Date display.
5		Memory indicator, SD card or internal memory.
6		Counter to display the number of avail-able shots using current settings.
7		Indicates current resolution
8		Flash mode indicator.
9		Indicates zoom ratio.
10		Zoom indicator shows the current zoom status graphically.

3.4.2 Setting the flash

There are two different flash modes. To switch between flash modes, press the **OK** button. The current flash setting is shown by an icon.

Icon	Description
	Flash is turned off
	Automatic flash, fires only when needed.

3.4.3 Using the macro function

The macro function enables you to capture images of subjects very close to the lens. In macro mode you can focus on subjects as close as 17 cm. When not in macro mode the minimum distance is 19 cm. Use macro mode for subjects 17-19 cm from the camera.

To switch the macro function on, use the macro switch on he side of the camera. An icon appears to indicate macro mode. The macro function can be used in both Video mode and Photo mode.

3.4.4 Using the zoom function

The camera is equipped with a 4x digital zoom. The zoom function will work in **Photo** mode and in **Video** mode.

Press the **PREV** button to zoom in on a subject (get closer to it). Press the **NEXT** button to zoom out from the subject (move away from it).

The zoom status is indicated by the zoom bar on the left of the screen. The zoom ratio is also represented in figures under the zoom bar.

2.60

3.5 Video mode

Use **Video** mode to capture video and store it in internal memory or on an SD card. The camera is in **Video** mode when the **Video** mode icon is displayed.

3.5.1 Video mode icons

Use the following picture to familiarize yourself with the **Video** mode icons and symbols.

See the table below for a description of each icon and symbol.

	Icon	Description
1		Indicates battery status.
2		Indicates Video mode.
3		Date display.
4		Memory indicator, SD card or internal memory.

	Icon	Description
5	2.60	Indicates zoom ratio.
6		Zoom indicator shows the current zoom status graphically.

3.5.2 Using the zoom function

See "Using the zoom function" on **3.4.4**.

3.5.3 Using the macro function

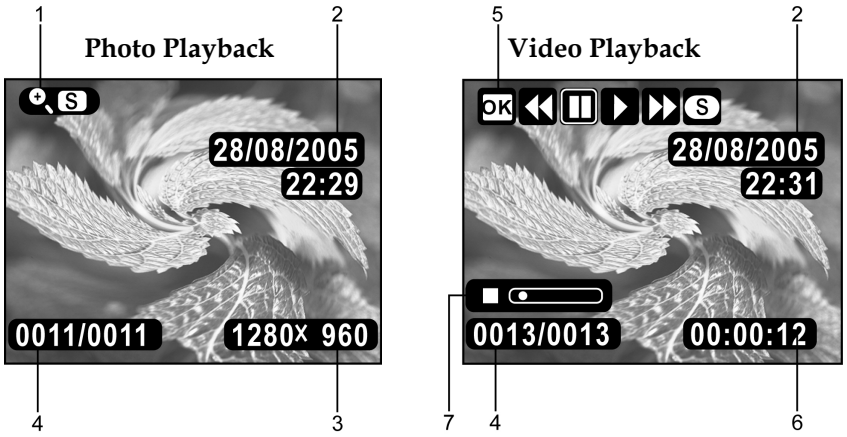
See "Using the macro function" on **3.4.3**

3.6 Playback mode

Use playback mode to review all the pictures and videos stored in your camera.

3.6.1 Playback mode icons

Refer to the following picture to familiarize yourself with the **Playback** mode icons and symbols.



See the table below for a description of each icon and symbol.

	Icon	Description
1		Indicates that the displayed image can be zoomed and moved. Press the shutter button to enable zooming and moving.
2		Time and date of photograph or video.
3		Photo resolution.
4		Current photo number/total number of photos and videos on internal memory or current memory card.
5		Playback bar. Shows whether current video is paused, playing, being fast-forwarded, or rewound.

	Icon	Description
6		Shows the total length of the video when paused, or the current position when playing back.
7		Shows current position of video. The circle moves from left to right as the video plays.

3.6.2 Viewing pictures and videos

To view pictures and videos:

1. Turn the camera on and ensure that it is in playback mode. The most recent picture is displayed on the screen.
2. Use **Prev/Next** to move through the image and video files stored in memory.
3. Press **OK** to view thumbnails of the videos and images.
4. To play videos:
   - Press the shutter button to play videos
   - Press the shutter button again to fast forward through the video
   - Press the shutter button again to pause the video.

3.6.3 Displaying file information

Basic information is displayed by default on each image or video when viewed in **Playback** mode. To switch this information on or off, press the **Display** button.

Press the display button a second time to remove all file information from the screen. Press the button a third time to display basic information again.

Note: Video files only show basic information. Pressing the display button will remove the information from the screen. Pressing the button again will restore it.

3.6.4 Using thumbnail mode

By default, each image is displayed full size in playback mode, but you can display six thumbnail images on screen.

To use thumbnail mode:

1. Turn the camera on and ensure that it is in playback mode. The most recent picture is displayed on the screen.
2. Press the **OK** button to display six thumbnail images on screen.
3. Use **Prev/Next** to highlight an image.
4. Press the **OK** button to display the highlighted image on screen full size.

3.6.5 Viewing a slide show

The camera includes a slide show function. A slide show displays each image in turn with a predefine delay between each picture.

To view a slide show:

1. Turn the camera on and ensure that it is in playback mode. The most recent picture is displayed on the screen.
2. Press the menu button to display the playback menu.
3. Use **Prev/Next** to highlight the slide show option in the menu.
4. Press the **OK** button to start the slide show. The images stored in memory will be displayed one after the other. You can stop the slide show at any time by pressing any button.

3.7 USB mode

You can use USB mode to connect to a host PC. Before connecting to a PC, see “Installing the software and drivers” on **5.**

The camera can be set to act as a USB mass storage device or a web cam when connected to a PC using the USB cable.

3.7.1 Storage device mode

When set as a USB mass storage device, the camera appears as a removable drive in Windows Explorer, with a folder labeled "DCIM".

You can drag and drop files to and from the new removable drives just like any other drive.

3.7.2 Webcam mode

When set to webcam, the camera can be used with Windows XP to capture photographs, or used with third-party software such as instant messenger clients to send live video over the internet.

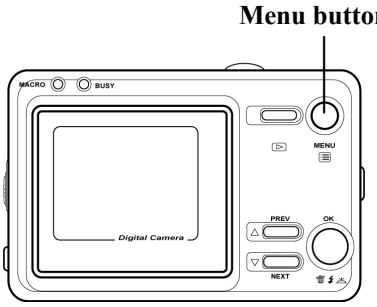
See also “Connecting to a computer” on **2.8** and “USB connection” on **4.3.4** .

4. Using the setup menus

Read this section to learn how to configure your camera and use the advanced features.

4.1 Picture menu

The picture menu appears when the camera is in Photo mode and the menu button is pressed. The picture menu is available in Photo and Video modes only.



4.1.1 Picture quality

Use the picture quality option to set the size of the captured image. Bigger images contain more detail and therefore use more memory space.

To set the image size:

1. Turn the camera on and ensure that it is in **Photo** mode.
2. Press the menu button.
3. Use **Prev/Next** to highlight the **Picture Quality** option.
4. Use **OK** to select a setting: 1, 2, 3, or 12 M (mega pixels).
5. Press the menu button again to leave the menu.

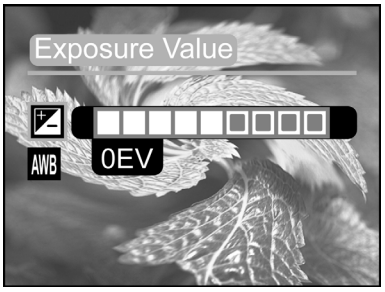
Note: This option is only available in **Photo** mode.

4.1.2 Exposure adjustment (EV)

Use the exposure, EV setting to change the exposure for your pictures. Usually this value would be set to zero, but you might want to increase the exposure to light up a subject with strong back lighting, or decrease the exposure if taking a picture of something very bright.

To set EV:

1. Turn the camera on and ensure that it is in **Photo** mode.
2. Press the menu button.
3. Use **Prev/Next** to highlight the Exposure Value option.
4. Use **OK** to move the slider up through the scale. When it gets to the highest value, press **OK** to start at the lowest value again.



5. Press the menu button again to leave the menu.

4.1.3 Self timer

The self timer option allows a photo to be taken a specified interval after the shutter is pressed. It is useful when taking self portraits or group photos including yourself. You can set the interval to Off, or 10, 15, 20 seconds.

To set the self timer interval:

1. Turn the camera on and ensure that it is in **Photo** mode.
2. Press the menu button.

3. Use **Prev/Next** to highlight the **Self Timer** option.
4. Use **OK** to select a setting: OFF, 10, 15, 20.
5. Press the menu button again to leave the menu.
6. Press the shutter to take the photograph. The LED on the front of the camera flashes before the photograph is taken, and the interval is reset to OFF.

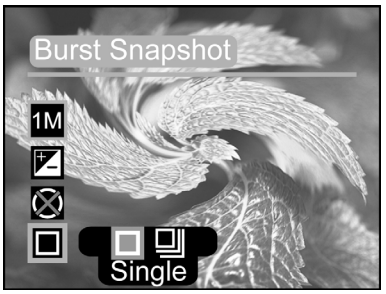
Note: This option is only available in **Photo** mode.

4.1.4 Burst snapshot

The burst snapshot option allows you to take a series of three photographs very quickly with one press of the shutter. It is useful to take series shots of moving objects and for artistic effect.

To set burst snapshot:

1. Turn the camera on and ensure that it is in **Photo** mode.
2. Press the menu button.
3. Use **Prev/Next** to highlight the **Burst Snapshot** option.
4. Use **OK** to select a setting: Single or Burst.
5. Press the menu button again to leave the menu.



Note: This option is only available in **Photo** mode. Only **1280*960 (1M)** is available in Burst snapshot.

4.1.5 White balance

Use the white balance option to correct color for different lighting conditions. When white balance is set to automatic, the camera automatically compensates for different lighting conditions. You

can also set white balance to sunlight, cloudy, tungsten, or one of two kinds of fluorescent light.

To set the white balance:

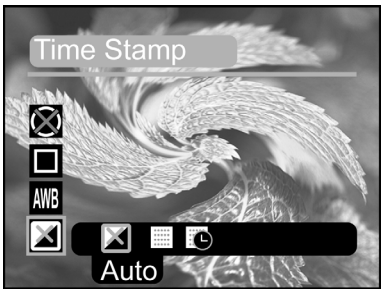
1. Turn the camera on and ensure that it is in **Photo** mode.
2. Press the menu button.
3. Use **Prev/Next** to highlight the **White Balance** option.
4. Use **OK** to select a setting: AWB (automatic), Sunny, Cloudy, Tungsten, Fluorescent 1 or Fluorescent 2.
5. Press the menu button again to leave the menu.

4.1.6 Time stamp

Use the time stamp function to print a date on captured images. Turn the camera on and ensure that it is in Photo mode.

To set the time stamp function:

1. Turn the camera on and ensure that it is in **Photo** mode.
2. Press the menu button.
3. Use **Prev/Next** to highlight the **Time Stamp** option.
4. Use **OK** to select a setting: OFF, Date Only, or Date & Time.
5. Press the menu button again to leave the menu.



Note: This option is only available in Photo mode.

4.2 Playback menu

Use the playback menu to manage the files stored in the camera memory or on mini SD card.

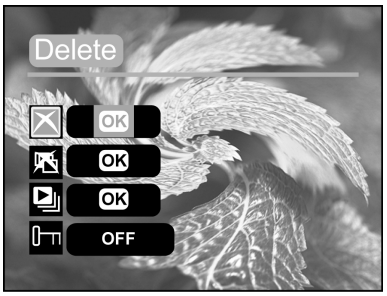
4.2.1 Delete

Use the delete function to delete the file.

To delete files:

1. Turn the camera on and ensure that it is in **Playback** mode.
2. Press the menu button.
3. Use **Prev/Next** to highlight the **Delete** option.
4. Press **OK** to delete.
5. A dialog asks you to confirm.

Press **OK** for yes or **Menu** for no.



Note: Once deleted, files cannot be recovered so make sure you have a backup before you delete. Files that have been protected will not be deleted. See "Protect" on **4.2.3** for more details about file protection

4.2.2 Delete All

Use the delete all function to delete all files on the current memory card or internal memory.

To delete all files:

1. Turn the camera on and ensure that it is in **Playback** mode.
2. Press the menu button.
3. Use **Prev/Next** to highlight the **Delete All** option.
4. Press **OK** to delete.
5. A dialog asks you to confirm. Press **OK** for yes or **Menu** for no.

Note: Once deleted, files cannot be recovered so make sure you have a backup before you delete. Files that have been protected will not be deleted. See "Protect" on **4.2.3** for more details about file protection.

4.2.3 Protect

Use the protect option to protect files from being accidentally deleted.

To protect a file or files:

1. Turn the camera on and ensure that it is in **Playback** mode.
2. Press the menu button.
3. Use **Prev/Next** to highlight the **Protect** option.
4. Press **OK** to select a setting: ON or OFF.
5. Press the menu button again to leave the menu.

Note: Files that have been protected cannot be deleted. To delete a protected file, you must unprotect it first.

4.2.4 Print.

Use the DPOF (Digital Print Order Format) function to tag pictures stored in your memory card with print information. You can tag all pictures to be printed or just the current picture. You can also select how many copies print and whether to include the date and time.

DPOF requires a memory card. When all images to be printed are tagged, remove the memory card and take it to a photographic shop for printing, or use it with a DPOF compatible printer.

To print images:

1. Turn the camera on and ensure that it is in **Playback** mode.
2. Press the menu button.
3. Use **Prev/Next** to highlight the Print option.
4. Use **OK** to select a setting: ON or OFF. The DPOF information is stored.
5. Press the menu button again to leave the menu.

4.3 Video menu

The setup menu can be accessed from any camera mode and is used to configure the miscellaneous camera functions.

4.3.1 Date and time

See "Setting the date and time" on **2.5.1**.

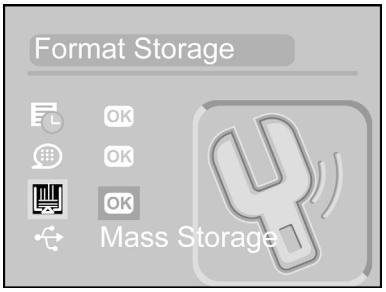
4.3.2 Language

See "Setting the language" on **2.5.2** .

4.3.3 Format storage

Formatting the storage erases all files on the current memory card or internal memory.

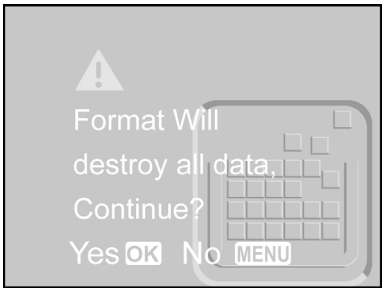
Note: Protected files will be deleted if you format the memory card or internal memory. Make sure you have a back up copy of any files you want to keep.



To format the current memory card

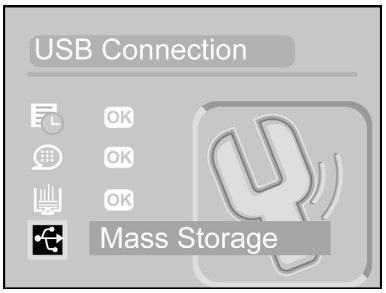
or internal memory:

1. Turn the camera on and ensure that it is in **Settings** mode.
2. Use **Prev/Next** to highlight the **Format Storage** option.
3. Press **OK** to format the current memory card.
4. Press **OK** to confirm or **Menu** to cancel.



4.3.4 USB connection

The camera can be set to act as a USB mass storage device or a web cam when connected to a PC using the USB cable.

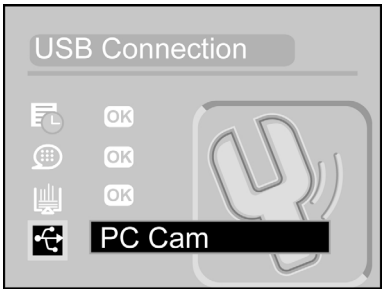


To change the USB settings:

1. Press the power button on the top to turn on the camera.
2. Press **Mode Button**

for 2 seconds to enter Setup menu.
3. Use **Prev**/**Next**

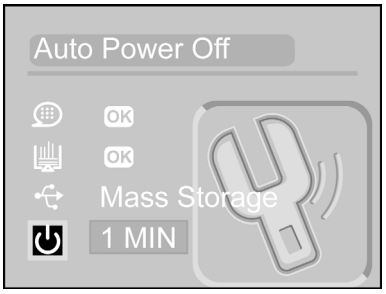
to USB option.
4. Please use the OK button to select "Mass Storage" and "PC Cam.
5. Please connect the USB cable to the camera and the PC when the diagram **USB Connection** pops



up the screen.

6. A new item – removable disk will be added into **my computer** after the system installation is completed.
7. You may start to operate with the newly added removable disk (SD device) offered by the digital camera.

4.3.5 Auto power off



Use the auto power off function to automatically switch the camera off after a period of inactivity to save power.

To set the power saving function:

1. Turn the camera on and ensure that it is in **Settings** mode.
2. Use **Prev/Next** to highlight the **Power Saving** option.
3. Press **OK** to select a setting: 30 SEC, 1 MIN, 3 MIN, or 5 MIN.

4.3.6 Light frequency

The light frequency setting allows you to prevent flicker in lights caused by the local power supply's frequency. For more information contact the energy supplier in the area.

To set the light frequency:

1. Turn the camera on and ensure that it is in **Settings** mode.
2. Use **Prev/Next** to highlight the **Light Frequency** option.

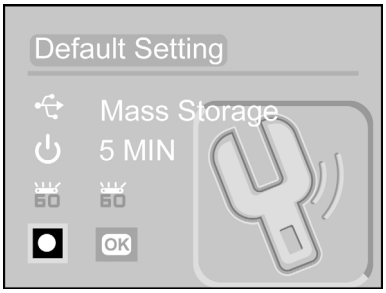
3. Press **OK** to select an option: 50 or 60.

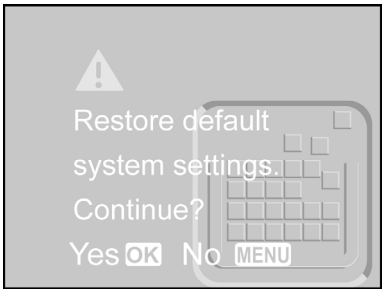
4.3.7 Default setting

Use the default setting option to reset all settings to the factory default.

To reset factory default settings:

1. Turn the camera on and ensure that it is in **Settings** mode.
2. Use **Prev/Next** to highlight the **Default Setting** option.
3. Press **OK** to restore factory defaults. You are prompted to confirm the reset.
4. Press **OK** to confirm or **Menu** to cancel.





4.3.8 System info

This displays the firmware version.

To display the system information:

1. Turn the camera on and ensure that it is in **Settings** mode.
2. Use **Prev/Next** to highlight the **System info** option.
3. Press **OK** to display the information.

5. Installing the software and drivers

Read this section to learn how to install drivers and software for the camera.

5.1 Drivers

You can use the “Mass Storage” and “PC Camera” functions of the camera on the PC.

5.1.1 Mass Storage

The digital camera offers Mass Storage function as a card reader device. You can treat this digital camera as an SD device

You will only need to install a driver for the camera if your operating system is Windows 98SE. Windows XP/ME/2000 are plug and play operating systems and do not require a driver to be manually loaded.

When the driver has been installed and the camera is connected, the camera memory and any installed mini SD card will appear as Mass Storage in Windows Explorer. Files can be dragged and dropped in the same way as on an ordinary disk.

5.1.2 PC camera

You will need to install a driver for the camera to use as a PC or Web Cam in all Windows operating systems (Windows XP/ME/2000/98SE).

Note: Driver installation is required for all operating systems.

The digital camera can be used as a PC camera or a Web Cam.

Please follow the instructions below:

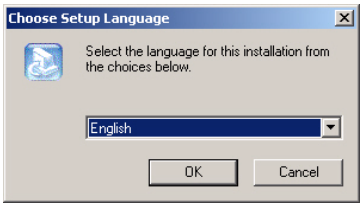
1. Insert the supplied CD-ROM in the CD-ROM drive.
2. If the CD-ROM doesn't automatically boot, use Windows Explorer to execute the **InstallMgr.exe** file in the root directory.
   The following screen is displayed.
3. Click the install button to install the driver.
4. Follow the on-screen instructions.
5. Click Finish to restart the computer and finish the camera driver installation.

5.2 Presto! Video Works 6

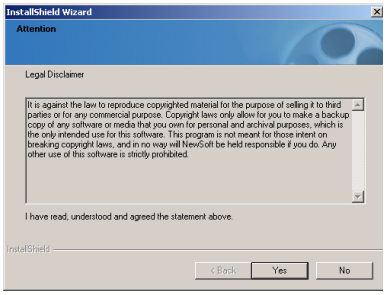
Presto! Video Works 6 is an advanced software application for editing video.

To install Presto! Video Works 6:

1. Insert the supplied CD-ROM in the CD-ROM drive.
2. If the CD-ROM doesn't automatically boot, use Windows Explorer to execute the **InstallMgr.exe** file in the root directory.
   The following screen is displayed.
3. Click the install button to begin the installation process follow the instructions on-screen.
4. Select the language and press OK.

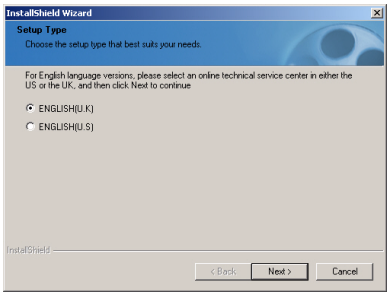


5. Read the legal disclaimer and click Yes if you agree.

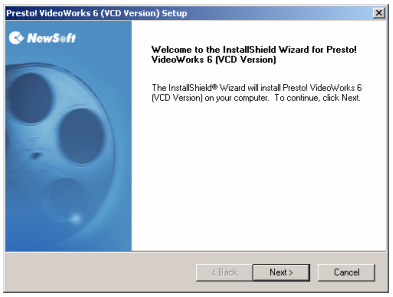

InstallShield Wizard
Attention
Legal Disclaimer
It is against the law to reproduce copyrighted material for the purpose of selling it to third parties or for any commercial purpose. Copyright laws only allow for you to make a backup copy of any software or media that you own for personal and archival purposes, which is the only intended use for this software. This program is not meant for those intent on breaking copyright laws, and in no way will NewSoft be held responsible if you do. Any other use of this software is strictly prohibited.
I have read, understood and agreed the statement above.
InstallShield
< Back
Yes
No

6. Select the version of English required if applicable.

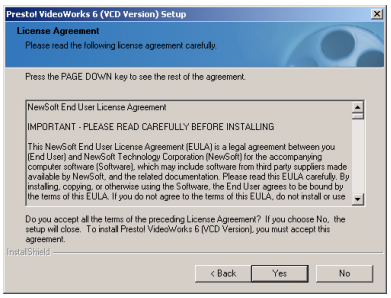
Note: This window will show only when English language software is installed.


InstallShield Wizard
Setup Type
Choose the setup type that best suits your needs.
For English language versions, please select an online technical service center in either the US or the UK, and then click Next to continue
ENGLISH(U.K)
ENGLISH(U.S)
InstallShield
< Back
Next >
Cancel

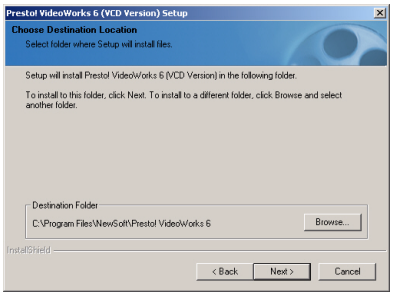
7. Click next to continue.


Presto! VideoWorks 6 (VCD Version) Setup
NewSoft
Welcome to the InstallShield Wizard for Presto! VideoWorks 6 (VCD Version)
The InstallShield® Wizard will install Presto! VideoWorks 6 (VCD Version) on your computer. To continue, click Next.
< Back
Next >
Cancel

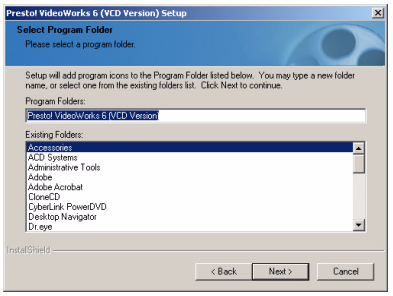
8. Click Yes to agree to the licence agreement.


Prestol VideoWorks 6 (VCD Version) Setup
License Agreement
Please read the following license agreement carefully.
Press the PAGE DOWN key to see the rest of the agreement.
NewSoft End User License Agreement
IMPORTANT - PLEASE READ CAREFULLY BEFORE INSTALLING
This NewSoft End User License Agreement (EULA) is a legal agreement between you (End User) and NewSoft Technology Corporation (NewSoft) for the accompanying computer software (Software), which may include software from third party suppliers made available by NewSoft, and the related documentation. Please read this EULA carefully. By installing, copying, or otherwise using the Software, the End User agrees to be bound by the terms of this EULA. If you do not agree to the terms of this EULA, do not install or use
Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install Prestol VideoWorks 6 (VCD Version), you must accept this agreement.
InstallShield
< Back
Yes
No

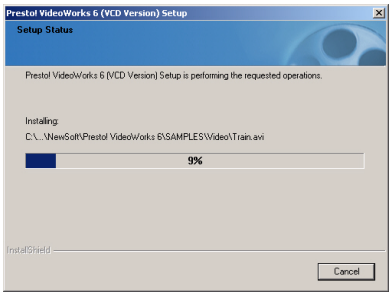
9. Click Next to select the default installation directory, or Browse to select one of your own.


Prestol VideoWorks 6 (VCD Version) Setup
Choose Destination Location
Select folder where Setup will install files.
Setup will install Prestol VideoWorks 6 (VCD Version) in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\NewSoft\Prestol VideoWorks 6
Browse...
InstallShield
< Back
Next >
Cancel

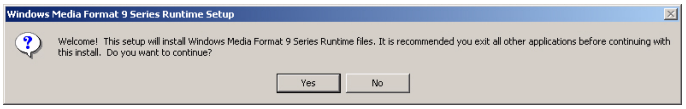
10. Click Next to select the default menu entry, or add one of your own.



A status bar shows installation progress.

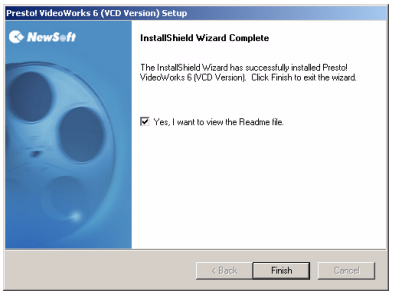


11. Click Yes to continue.

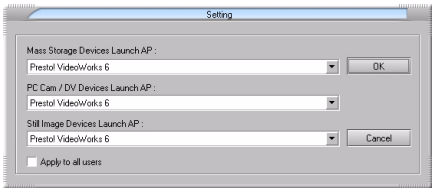

Windows Media Format 9 Series Runtime Setup
Welcome! This setup will install Windows Media Format 9 Series Runtime files. It is recommended you exit all other applications before continuing with this install. Do you want to continue?
Yes
No

12. The following message appears when Window Media Format 9 setup is complete. Click OK.

13. Click Finish to complete the installation. Keep the check box checked if you want to view the read me file.


Presto! VideoWorks 6 (VCD Version) Setup
NewSoft
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed Presto! VideoWorks 6 (VCD Version). Click Finish to exit the wizard.
Yes, I want to view the Readme file.
< Back
Finish
Cancel

14. Presto! Video Works 6 can be set to launch automatically when certain devices, like the camera with PC cam mode activated. Use the setting screen shown here to determine which devices affect Presto! Video Works 6.



More information about Presto! Video Works 6 can be found in the help files when the application is started.

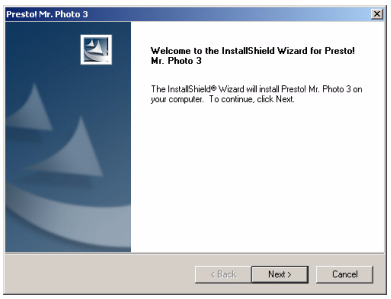
5.3 Presto! Mr. Photo 3

Presto! Mr. Photo 3 is an advanced photo editing software application.

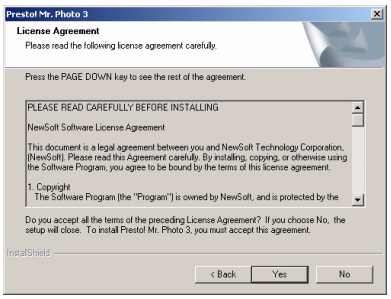
To install Presto! Mr. Photo 3:

1. Insert the supplied CD-ROM in the CD-ROM drive.
2. If the CD-ROM doesn't automatically boot, use Windows Explorer to execute the **InstallMgr.exe** file in the root directory.
   The following screen is displayed.
3. Click the install button to begin the installation process follow the instructions on-screen
4. Select the language and press OK.

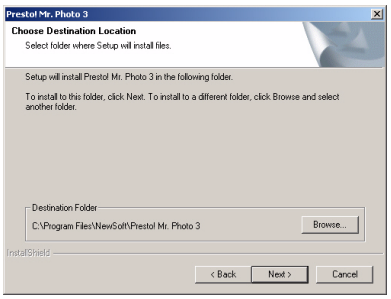
5. Click next to start the installation.


Prestol Mr. Photo 3
Welcome to the InstallShield Wizard for Prestol Mr. Photo 3
The InstallShield® Wizard will install Prestol Mr. Photo 3 on your computer. To continue, click Next.
< Back
Next >
Cancel

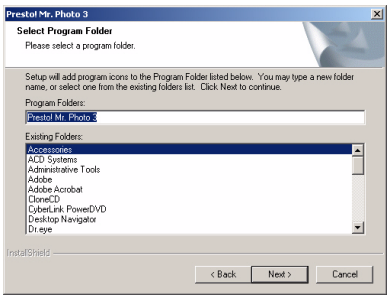
6. Click Yes to agree to the licence agreement.


Prestol Mr. Photo 3
License Agreement
Please read the following license agreement carefully.
Press the PAGE DOWN key to see the rest of the agreement.
PLEASE READ CAREFULLY BEFORE INSTALLING
NewSoft Software License Agreement
This document is a legal agreement between you and NewSoft Technology Corporation, (NewSoft). Please read this Agreement carefully. By installing, copying, or otherwise using the Software Program, you agree to be bound by the terms of this license agreement.
1. Copyright
The Software Program (the "Program") is owned by NewSoft, and is protected by the
Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install Prestol Mr. Photo 3, you must accept this agreement.
InstallShield
< Back
Yes
No

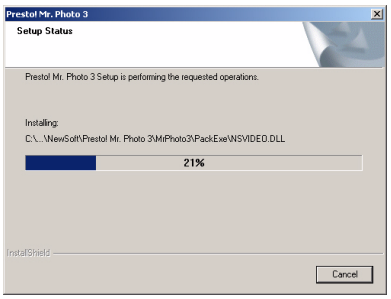
7. Click Next to select the default installation directory, or Browse to select one of your own.


Prestol Mr. Photo 3
Choose Destination Location
Select folder where Setup will install files.
Setup will install Prestol Mr. Photo 3 in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\NewSoft\Prestol Mr. Photo 3
Browse...
InstallShield
< Back
Next >
Cancel

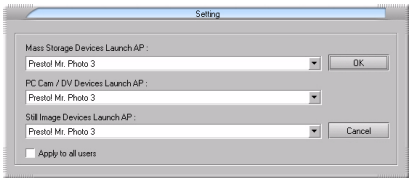
8. Click Next to select the default menu entry, or add one of your own.



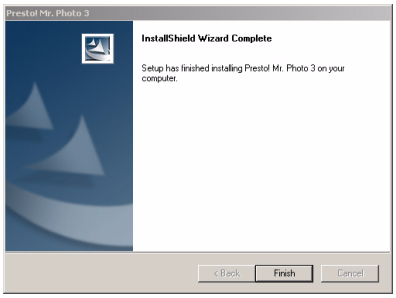
A status bar indicates installation progress.



9. Presto! Mr. Photo 3 can be set to launch automatically when certain devices are connected, like the camera with mass storage mode activated. Use the setting screen shown here to determine which devices affect Presto! Mr. Photo 3.



10.Click Finish to complete the installation.



More information about Presto! Mr. Photo 3 can be found in the help files when the application is started.

Appendix

Specifications

General	
Imaging sensor	1/2” CMOS 3.18 mega pixel sensor
Active pixels	3.1 mega pixels
Storage media	Built-in 32 MB Flash memory SD card (up to 1 GB)
Sensor sensitivity	Auto
Lens	Fixed focus lens, F3.0, f=8.341mm
Focus range	1.2m ~ infinity 17 ~ 19 cm (macro)
Still image	Formats: JPEG (DCF, EXIF) Resolution: 1280 x 960, 1600 x 1200, 2048 x 1536, 4032 x 3024 (firmware interpolation)
Movie clips	AVI (Motion JPEG), sound available **Movie:** 320*240 max 18fps **PC cam:** 320*240 max 30fps *or* 640*480 max 20fps
Zoom	4x digital zoom
LCD TFT screen	1.5-inch High resolution TFT (280 x 220 pixels)
Viewfinder	Not available

General	
Flash	1.0 ~ 2.5m range Off/Auto
White balance	Auto/Sunny/Cloudy/Tungsten/Fluorescent
EV compensation	-2.0 EV ~ +2.0 EV (in 0.5 EV steps)
Self timer	Off, 10 seconds,15 seconds, 20 seconds
PC interface	USB 1.1 for PC camera and mass storage
Shutter	Electronic shutter, 1.6 ~ 1/2000 seconds
Auto power off	30s, 1min, 3min, or 5min (user definable)
Power supply	2xAAA alkaline batteries
Dimension	87x57x19 mm(without protruding parts)
Weight	<75± 3 g (without the battery & SD card)

- Recordable Image Numbers (32MB):

		1280x960	1600x1200	2048x1536	2976x2232
32MB	Fine	138	94	59	30
	Normal	179	119	78	39

* The data shows the standard testing results. The actual capacity varies according to the shooting conditions and settings.